

IDH2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3397a**Specification**

IDH2 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P48735
Other Accession	NP_002159.2 , 3418 , 269951 (mouse) , 361596 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	50909

IDH2 Antibody (internal region) - Additional Information**Gene ID** 3418**Other Names**

Isocitrate dehydrogenase [NADP], mitochondrial, IDH, 1.1.1.42, ICD-M, IDP, NADP(+)-specific ICDH, Oxalosuccinate decarboxylase, IDH2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IDH2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

IDH2 Antibody (internal region) - Protein Information**Name** IDH2**Function**

Plays a role in intermediary metabolism and energy production (PubMed:19228619, PubMed:22416140). It may tightly associate or interact with the pyruvate dehydrogenase complex (PubMed:19228619, PubMed:22416140).

Cellular Location

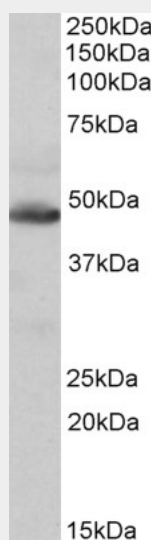
Mitochondrion {ECO:0000250|UniProtKB:P33198}.

IDH2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IDH2 Antibody (internal region) - Images



AF3397a (0.1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

IDH2 Antibody (internal region) - References

Acquired mutations in the genes encoding IDH1 and IDH2 both are recurrent aberrations in acute myeloid leukemia (AML): prevalence and prognostic value. Abbas S, Lugthart S, Kavelaars FG, Schelen A, Koenders J, Zeilemaker A, van Putten WJ, Rijneveld A, Löwenberg B, Valk PJ. Blood. 2010 Jun 10. PMID: 20538800